

Annual Report
of the
Bessemer and Lake Erie
Railroad Company
and Leased Lines

For the Year Ended December 31,
1931



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BESSEMER AND LAKE ERIE RAILROAD COMPANY

General Offices, Union Trust Building, Pittsburgh, Pa.

DIRECTORS

1931

R. T. ROSSELL	-	-	-	Pittsburgh, Pa.
G. W. KEPLER	-	-	-	Pittsburgh, Pa.
F. I. SNYDER	-	-	-	Pittsburgh, Pa.
J. C. MCKALIP	-	-	-	Pittsburgh, Pa.
W. A. SEIFERT	-	-	-	Pittsburgh, Pa.
J. G. FRAZER	-	-	-	Pittsburgh, Pa.
E. C. MCHUGH	-	-	-	Pittsburgh, Pa.
C. S. Leet	-	-	-	Pittsburgh, Pa.
R. A. FRANKS	-	-	-	Hoboken, N. J.

OFFICERS

1931

R. T. ROSSELL	-	-	-	President,	Pittsburgh, Pa.
F. I. SNYDER	-	-	-	Vice President and General Manager,	Pittsburgh, Pa.
G. W. KEPLER	-	-	-	Secretary and Treasurer,	Pittsburgh, Pa.
R. H. KEYSER	-	-	-	Asst. Secretary and Asst. Treasurer,	Pittsburgh, Pa.
J. C. MCKALIP	-	-	-	General Auditor,	Pittsburgh, Pa.
L. W. MCCOY	-	-	-	Assistant General Auditor,	Pittsburgh, Pa.
C. W. CHAMPION	-	-	-	Auditor Frt. and Pass. Revenue,	Pittsburgh, Pa.
EDW. CAMPBELL	-	-	-	General Freight Agent,	Pittsburgh, Pa.
J. J. ROBINSON	-	-	-	Assistant General Freight Agent,	Pittsburgh, Pa.
C. C. SHOWALTER	-	-	-	Freight Claim Agent,	Pittsburgh, Pa.
WM. J. MCCANN	-	-	-	General Passenger Agent,	Pittsburgh, Pa.
D. E. REYNOLDS	-	-	-	Purchasing Agent,	Pittsburgh, Pa.
C. S. LEET	-	-	-	Land Agent,	Pittsburgh, Pa.
*H. T. PORTER	-	-	-	Chief Engineer (Retired April 30, 1931),	Greenville, Pa.
F. R. LAYNG	-	-	-	Chief Engineer,	Greenville, Pa.
H. H. HARMAN	-	-	-	Engineer of Tracks,	Greenville, Pa.
W. S. MCFETRIDGE	-	-	-	Principal Assistant Engineer,	Greenville, Pa.
L. SPALDING	-	-	-	Valuation Engineer,	Pittsburgh, Pa.
G. M. GRAY	-	-	-	Superintendent of Motive Power,	Greenville, Pa.
H. D. WEBSTER	-	-	-	Engineer of Motive Power,	Greenville, Pa.
WM. M. JOHNSON	-	-	-	General Superintendent,	Greenville, Pa.
F. W. SMITH	-	-	-	Assistant Superintendent,	Greenville, Pa.
T. F. WILLIAMS	-	-	-	Assistant Superintendent,	Greenville, Pa.
A. D. CHITTENDEN	-	-	-	Superintendent of Transportation,	Pittsburgh, Pa.
J. C. BAILEY	-	-	-	Car Service Agent,	Greenville, Pa.

In Memoriam

*H. T. PORTER, Chief Engineer
Died January 11, 1932

The following is a combined report of operations and affairs of the

BESSEMER AND LAKE ERIE RAILROAD COMPANY

and its leased lines:

THE PITTSBURGH, BESSEMER AND LAKE ERIE RAILROAD COMPANY,

THE MEADVILLE, CONNEAUT LAKE AND LINESVILLE RAILROAD COMPANY,

for the year ended December 31, 1931.

Acknowledgment is hereby made of the loyal and efficient services
of the officers and employees during the year.

Bessemer and Lake Erie Railroad Company,

R. T. ROSSELL,
President.

Pittsburgh, Pa., April 1, 1932.

CONSOLIDATED COMPARATIVE INCOME ACCOUNT

I. OPERATING INCOME	1931	1930	INCREASE OR DECREASE
Railway Operating Revenues.....	\$ 8,673,827.85	\$14,712,458.00	\$6,038,630.15*
Railway Operating Expenses.....	6,593,983.31	9,295,345.72	2,701,362.41*
Net Revenue from Railway Operations.....	\$ 2,079,844.54	\$ 5,417,112.28	\$3,337,267.74*
Railway Tax Accruals.....	\$ 337,927.96Cr.	\$ 676,677.81	\$1,014,605.77*
Uncollectible Railway Revenues.....	439.23	54.15	385.08
Railway Operating Income.....	\$ 2,417,333.27	\$ 4,740,380.32	\$2,323,047.05*
II. NON-OPERATING INCOME			
Hire of Freight Cars.....	\$ 80,671.34Dr.	\$ 51,761.54Dr.	\$ 28,909.80*
Rent from Locomotives.....	9,274.12	10,433.74	1,159.62*
Rent from Passenger-Train Cars.....	2,527.26	5,034.29	2,507.03*
Rent from Work Equipment.....	2,639.68	3,155.64	515.96*
Joint Facility Rent Income.....	43,865.99	51,900.74	8,034.75*
Income from Lease of Road.....	12,405.36	12,405.36	.....
Miscellaneous Rent Income.....	2,897.88	1,231.95	1,665.93
Miscellaneous Non-Operating Physical Property.....	2,046.26	1,869.50	176.76
Income from Funded Securities.....	48,100.95	48,156.75	55.80*
Income from Unfunded Securities and Accounts.....	188,451.06	330,248.12	141,797.06*
Income from Sinking and Other Reserve Funds.....	21,480.17	21,558.10	77.93*
Release of Premium on Funded Debt.....	176.92	246.43	69.51*
Miscellaneous Income.....	480.90	2,455.39	1,974.49*
Total Non-Operating Income.....	\$ 253,675.21	\$ 436,934.47	\$ 183,259.26*
Gross Income.....	\$ 2,671,008.48	\$ 5,177,314.79	\$2,506,306.31*
III. DEDUCTIONS FROM GROSS INCOME			
Rent for Locomotives.....	.....	\$ 18.74	\$ 18.74*
Rent for Passenger-Train Cars.....	\$ 2,108.35	5,445.14	3,336.79*
Rent for Work Equipment.....	18.00	128.03	110.03*
Joint Facility Rents.....	21,578.45	20,107.19	1,471.26
Rent for Leased Roads.....	5,972.00	5,963.65	8.35
Miscellaneous Rents.....	75.75	70.75	5.00
Miscellaneous Tax Accruals.....	4,100.33	3,590.80	509.53
Interest on Funded Debt.....	607,270.84	643,670.83	36,399.99*
Interest on Unfunded Debt.....	2,545.35	736.14	1,809.21
Maintenance of Investment Organization.....	754.75	725.71	29.04
Amortization of Discount on Funded Debt.....	35.65	41.95	6.30*
Miscellaneous Income Charges.....	1,068,186.91	352,304.78Cr.	1,420,491.69
Total Deductions from Gross Income.....	\$ 1,712,646.38	\$ 328,194.15	\$1,384,452.23
Net Income.....	\$ 958,362.10	\$ 4,849,120.64	\$3,890,758.54*
IV. DISPOSITION OF NET INCOME			
Dividend Appropriations of Income.....	\$ 419,976.00	\$ 419,976.00	.....
Total Appropriations of Income.....	\$ 419,976.00	\$ 419,976.00	.....
Income Balance Transferred to Profit and Loss.....	\$ 538,386.10	\$ 4,429,144.64	\$3,890,758.54*

CONSOLIDATED COMPARATIVE PROFIT AND LOSS ACCOUNT

	1931	1930	INCREASE OR DECREASE
Credit Balance at Beginning of Year.....	\$32,646,249.02	\$30,271,062.20	\$2,375,186.82
Credit Balance Transferred from Income.....	538,386.10	4,429,144.64	3,890,758.54*
Profit on Road and Equipment Sold.....	.....	.....	.....
Unrefundable Overcharges.....	40.02	278.27	238.25*
Donations.....	.....	633.12	633.12*
Miscellaneous Credits.....	22,609.37	13,193.28	9,416.09
Total Credits.....	\$33,207,284.51	\$34,714,311.51	\$1,507,027.00*
Dividend Appropriations of Surplus.....	\$ 5,504,000.00	\$ 2,004,000.00	\$3,500,000.00
Surplus Appropriated for Investment in Physical Property.....	.....	633.12	633.12*
Loss on Retired Road and Equipment.....	402,094.73	58,590.18	343,504.55
Miscellaneous Debits.....	4,840.36	4,839.19	1.17
Total Debits.....	\$ 5,910,935.09	\$ 2,068,062.49	\$3,842,872.60
Credit Balance Carried to Balance Sheet.....	\$27,296,349.42	\$32,646,249.02	\$5,349,899.60*

*Decrease.

CONSOLIDATED COMPARATIVE GENERAL BALANCE SHEET

ASSETS	BALANCE AT DEC. 31, 1931	BALANCE AT DEC. 31, 1930	INCREASE OR DECREASE
INVESTMENTS			
Road.....	\$43,897,477.45	\$43,690,622.04	\$ 206,855.41
Equipment.....	21,824,332.78	20,704,009.09	1,120,323.69
General.....	34,986.17	34,986.17	.....
Total Investment in Road and Equipment.....	\$65,756,796.40	\$64,429,617.30	\$1,327,179.10
Miscellaneous Physical Property.....	283,168.48	284,739.22	1,570.74*
INVESTMENT IN AFFILIATED COMPANIES			
CAPITAL STOCK:			
Bessemer-Union Improvement Company.....	\$ 250.00	.....	\$ 250.00
Railway Express Agency, Inc.....	100.00	\$ 100.00	.....
Marquette and Bessemer Dock and Navigation Company (Par Value \$25,000.00)	10.00	10.00	.....
ADVANCES:			
Railway Express Agency, Inc.....	4,800.00	3,200.00	1,600.00
Total Investments in Affiliated Companies.....	5,160.00	3,310.00	1,850.00
OTHER INVESTMENTS			
BONDS:—U. S. Government—Fourth Liberty Loan Bonds....	\$ 1,053,076.15	\$ 1,053,076.15	.....
CURRENT ASSETS			
Cash—General.....	\$ 1,109,464.54	\$ 3,297,686.29	\$2,188,221.75*
Special Cash Deposits.....	2,506,601.36	9,710,112.64	7,203,511.28*
Traffic and Car-Service Balances Receivable.....	80,653.13	184,972.26	104,319.13*
Net Balance Receivable from Agents and Conductors.....	8,896.56	11,071.08	2,174.52*
Miscellaneous Accounts Receivable.....	281,695.99	57,432.75	224,263.24
Material and Supplies.....	869,265.64	635,211.88	234,053.76
Interest and Dividends Receivable.....	10,131.30	10,187.10	55.80*
Other Current Assets.....	9,780.60	2,649.86	7,130.74
Total Current Assets.....	\$ 4,876,489.12	\$13,909,323.86	\$9,032,834.74*
DEFERRED ASSETS			
Working Fund Advances.....	\$ 20,728.45	\$ 21,780.75	\$ 1,052.30*
Insurance and Other Funds.....	667,040.49	662,261.96	4,778.53
Other Deferred Assets.....	2,603,300.93	4,794.48	2,598,506.45
Total Deferred Assets.....	\$ 3,291,069.87	\$ 688,837.19	\$2,602,232.68
UNADJUSTED DEBITS			
Rents and Insurance Premiums Paid in Advance.....	\$ 1,661.95	\$ 2,366.93	\$ 704.98*
Other Unadjusted Debits.....	132,330.08	88,943.38	43,386.70
Total Unadjusted Debits.....	\$ 133,992.03	\$ 91,310.31	\$ 42,681.72
GRAND TOTAL.....	\$75,399,752.05	\$80,460,214.03	\$5,060,461.98*

*Decrease.

CONSOLIDATED COMPARATIVE GENERAL BALANCE SHEET

LIABILITIES	BALANCE AT DEC. 31, 1931	BALANCE AT DEC. 31, 1930	INCREASE OR DECREASE
CAPITAL STOCK			
COMMON:			
Bessemer and Lake Erie R. R. Co.....	\$ 500,000.00	\$ 500,000.00	.....
The Pittsburg, Bessemer and Lake Erie R. R. Co.....	9,999,200.00	9,999,200.00	.....
Stock Liability for Conversion.....	800.00	800.00	.....
The Meadville, Conneaut Lake and Linesville R. R. Co....	100,000.00	100,000.00	.....
PREFERRED:			
The Pittsburg, Bessemer and Lake Erie R. R. Co.....	2,000,000.00	2,000,000.00	.....
Total Capital Stock.....	<u>\$12,600,000.00</u>	<u>\$12,600,000.00</u>	.....
LONG-TERM DEBT			
Funded Debt Unmatured.....	\$11,645,000.00	\$12,355,000.00	\$ 710,000.00*
CURRENT LIABILITIES			
Traffic and Car-Service Balances Payable.....	\$ 67,235.81	\$ 81,135.03	\$ 13,899.22*
Audited Accounts and Wages Payable.....	192,770.28	360,029.02	167,258.74*
Miscellaneous Accounts Payable.....	31,766.43	75,983.04	44,216.61*
Interest Matured Unpaid.....	190,275.00	196,375.00	6,100.00*
Dividends Matured Unpaid.....	292.50	303.00	10.50*
Unmatured Interest Accrued.....	56,158.34	61,637.50	5,479.16*
Other Current Liabilities.....	95,091.61	89,251.02	5,840.59
Total Current Liabilities.....	<u>\$ 633,589.97</u>	<u>\$ 864,713.61</u>	<u>\$ 231,123.64*</u>
DEFERRED LIABILITIES			
Other Deferred Liabilities.....	\$ 2,643,031.00	\$ 69,230.95	\$2,573,800.05
UNADJUSTED CREDITS			
Tax Liability.....	\$ 365,193.48	\$ 795,984.19	\$ 430,790.71*
Premium on Funded Debt.....	269.07	445.99	176.92*
Insurance Reserves.....	220,474.62	215,671.26	4,803.36
Accrued Depreciation—Equipment.....	9,657,989.81	10,569,337.59	911,347.78*
Other Unadjusted Credits.....	4,927.98	10,654.72	5,726.74*
Total Unadjusted Credits.....	<u>\$10,248,854.96</u>	<u>\$11,592,093.75</u>	<u>\$1,343,238.79*</u>
CORPORATE SURPLUS			
Additions to Property Through Income and Surplus.....	\$ 9,890,646.70	\$ 9,890,646.70	.....
Miscellaneous Fund Reserves.....	442,280.00	442,280.00	.....
Total Appropriated Surplus.....	<u>\$10,332,926.70</u>	<u>\$10,332,926.70</u>	.....
Profit and Loss—Credit Balance.....	27,296,349.42	32,646,249.02	\$5,349,899.60*
Total Corporate Surplus.....	<u>\$37,629,276.12</u>	<u>\$42,979,175.72</u>	<u>\$5,349,899.60*</u>
GRAND TOTAL.....	<u><u>\$75,399,752.05</u></u>	<u><u>\$80,460,214.03</u></u>	<u><u>\$5,060,461.98*</u></u>

*Decrease.

ADDITIONS AND BETTERMENTS

Expenditures during the year ended December 31, 1931, for Additions and Betterments were as follows:

ROAD	INVESTMENT IN ROAD AND EQUIPMENT	IMPROVEMENTS ON LEASED RAILWAY PROPERTY
Engineering.....		\$ 6,031.99
Land for Transportation Purposes.....	\$ 29.60 Cr.	6,473.05 Cr.
Grading.....		21,019.04 Cr.
Bridges, Trestles and Culverts.....		16,125.28
Ties.....	676.00 Cr.	18,090.92 Cr.
Rails.....		28.78
Other Track Material.....	267.23	32,601.12
Ballast.....		21,160.91
Track Laying and Surfacing.....	104.50	15,385.74
Right-of-Way Fences.....		2.94
Crossings and Signs.....	450.84	62,541.87
Station and Office Buildings.....	3,046.27	2,342.54
Roadway Buildings.....		48.91
Water Stations.....		2,319.27
Shops and Enginehouses.....		5,060.42
Coal and Ore Wharves.....		1,739.45
Telegraph and Telephone Lines.....		4,559.98
Signals and Interlockers.....		154.90
Power Plant Buildings.....		744.92
Power Distribution Systems.....		334.29
Power Line Poles and Fixtures.....		7.56 Cr.
Miscellaneous Structures.....		269.77
Roadway Machines.....	3,344.82	
Assessments for Public Improvements.....		2,344.35
Shop Machinery.....		11,712.75
Power Plant Machinery.....		60,427.74
	\$ 6,508.06	\$ 200,347.35

EQUIPMENT

Steam Locomotives.....	\$ 27,236.35	\$ 837.16
Freight Train Cars.....	1,112,277.13	10,577.39 Cr.
Passenger Train Cars.....	635.42 Cr.	
Work Equipment.....	8,776.25 Cr.	37.89 Cr.
	\$1,130,101.81	\$ 9,778.12 Cr.

GENERAL EXPENDITURES

Interest During Construction.....		
	\$1,136,609.87	\$ 190,569.23
Net Increase in Investment in Road and Equipment, per General Balance Sheet.....		\$1,327,179.10

NOTE.—Credits occasioned by property retirements and adjustments.

**CONSOLIDATED STATEMENT OF EQUIPMENT INSTALLATIONS, BETTERMENTS,
AND RETIREMENTS MADE DURING YEAR ENDED DECEMBER 31, 1931.**

Number of Units Installed	Cost of Units Installed	Cost of Betterments Made to Equipment	Gross Amount Charged to Additions and Betterments	CLASS OF EQUIPMENT	Number of Units Retired	Cost of Equipment Retired	Amount Credited to Investment
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
.....		\$28,073.51	\$ 28,073.51	Steam Locomotives.....	.....	.....	.....
.....				FREIGHT TRAIN CARS	.....	.....	.....
.....		\$ 2,281.14	\$ 2,281.14	Stock Cars	2	\$ 1,843.93	\$ 1,843.93
.....		46.48	46.48	Box Cars	1	996.38	996.38
1,050	\$3,244,430.27	3,060.48	3,247,490.75	Flat Cars	.....	.....	.....
.....				Coal Cars	2,093	2,145,278.32	2,145,278.32
.....				Caboose Cars	.....	.....	.....
.....				Other Freight Train Cars	.....	.....	.....
1,050	\$3,244,430.27	\$ 5,388.10	\$3,249,818.37	Total Freight Train Cars	2,096	\$2,148,118.63	\$2,148,118.63
.....				PASSENGER TRAIN CARS	.....	.....	.....
.....		\$ 764.58	\$ 764.58	Parlor Cars	.....	.....	.....
.....				Coaches	.....	.....	.....
.....				Combination Passenger Cars	.....	.....	.....
.....				Other Combination Cars	1	\$ 1,400.00	\$ 1,400.00
.....				Other Passenger Train Cars	.....	.....	.....
.....				Motor Equipment of Cars	.....	.....	.....
.....		\$ 764.58	\$ 764.58	Total Passenger Train Cars	1	\$ 1,400.00	\$ 1,400.00
.....				COMPANY SERVICE	.....	.....	.....
.....		\$ 141.13	\$ 141.13	Officer's and Pay Cars	.....	.....	.....
.....		146.62	146.62	Derrick Cars	.....	\$ 186.78	\$ 186.78
1	\$ 500.00	.....	500.00	Other Company Service Cars	4	4,173.11	4,173.11
.....				Steam Shovels	1	5,242.00	5,242.00
1	\$ 500.00	\$ 287.75	\$ 787.75	Total Company Service	5	\$ 9,601.89	\$ 9,601.89
.....				Miscellaneous	.....	.....	.....
1051	\$3,244,930.27	\$34,513.94	\$3,279,444.21	All Classes of Equipment	2102	\$2,159,120.52	\$2,159,120.52

LONG-TERM DEBT

NAME AND CHARACTER OF OBLIGATION	Nominal Date of Issue	Balance Outstanding Dec. 31, 1931	MATURITY	INTEREST	
				Rate	Payable
THE PITTSBURGH, SHENANGO AND LAKE ERIE RAILROAD COMPANY					
First Mortgage Bonds.....	Oct. 1, 1890	\$2,981,000.00	October 1, 1940	5	Apr. and Oct.
Consolidated First Mortgage Bonds.....	July 1, 1893	567,000.00	July 1, 1943	5	Jan. and July
THE PITTSBURGH, BESSEMER AND LAKE ERIE RAILROAD COMPANY					
Consolidated First Mortgage Bonds.....	Jan. 1, 1897	6,452,000.00	January 1, 1947	5	Jan. and July
BESSEMER AND LAKE ERIE RAILROAD COMPANY					
Albion Equipment Trust Bonds...	June 1, 1912	275,000.00	{ \$75,000 June 1, 1932 \$100,000 June 1, 1933 and 1934 }	5	June and Dec.
Euclid Equipment Trust Bonds...	July 1, 1914	500,000.00	\$250,000 each July 1	5	Jan. and July
Girard Equipment Trust Bonds...	May 1, 1916	240,000.00	\$240,000 Nov. 1, 1932	5	May and Nov.
Osgood Equipment Trust Bonds..	Feb. 2, 1920	630,000.00	\$90,000 each Feb. 1	6	Feb. and Aug.
Total.....		<u>\$11,645,000.00</u>			

COMPARATIVE STATEMENT OF OPERATING REVENUES

TRANSPORTATION			
	1931	1930	INCREASE OR DECREASE
Freight—Ore.....	\$ 3,011,738.04	\$ 6,330,103.04	\$3,318,365.00*
Freight—All Other.....	5,501,905.92	8,128,637.48	2,626,731.56*
Passenger.....	27,088.80	55,553.55	28,464.75*
Excess Baggage.....	75.79	148.88	73.09*
Parlor and Chair Car.....	13.50	.....	13.50
Mail.....	23,135.80	27,776.10	4,640.30*
Express.....	9,958.16	18,655.55	8,697.39*
Other Passenger Train.....	1,416.30	1,836.82	420.52*
Milk.....	7,105.44	30,121.78	23,016.34*
Switching.....	54,584.96	59,901.59	5,316.63*
Special Service Train.....	577.45	804.15	226.70*
TOTAL.....	\$ 8,637,600.16	\$14,653,538.94	\$6,015,938.78*
INCIDENTAL			
Hotel and Restaurant.....	\$ 14,309.96	\$ 26,089.10	\$ 11,779.14*
Station and Train Privileges.....	635.90	656.72	20.82*
Parcel Room Receipts.....	.30	.70	.40*
Storage—Freight.....	704.37	1,012.44	308.07*
Storage—Baggage.....	1.98	7.32	5.34*
Demurrage.....	3,767.00	9,066.00	5,299.00*
Rents of Buildings and Other Property.....	12,799.46	12,852.94	53.48*
Miscellaneous.....	4,008.72	9,233.84	5,225.12*
TOTAL.....	\$ 36,227.69	\$ 58,919.06	\$ 22,691.37*
TOTAL OPERATING REVENUES.....	\$ 8,673,827.85	\$14,712,458.00	\$6,038,630.15*

COMPARATIVE STATEMENT OF OPERATING REVENUES—SUMMARY

	1931		1930		INCREASE OR DECREASE
	AMOUNT	PER CENT. OF TOTAL	AMOUNT	PER CENT. OF TOTAL	AMOUNT
Freight.....	\$ 8,513,643.96	98.15	\$14,458,740.52	98.27	\$5,945,096.56*
Passenger.....	35,699.83	.41	87,661.03	.60	51,961.20*
Mail.....	23,135.80	.27	27,776.10	.19	4,640.30*
Express.....	9,958.16	.12	18,655.55	.13	8,697.39*
Miscellaneous.....	91,390.10	1.05	119,624.80	.81	28,234.70*
TOTAL.....	\$ 8,673,827.85	.....	\$14,712,458.00	.....	\$6,038,630.15*

*Decrease.

COMPARATIVE STATEMENT OF OPERATING EXPENSES

MAINTENANCE OF WAY AND STRUCTURES

	1931	1930	INCREASE OR DECREASE
Superintendence.....	\$ 129,052.57	\$ 141,757.85	\$ 12,705.28*
Roadway Maintenance.....	96,682.87	90,633.69	6,049.18
Bridges, Trestles and Culverts.....	46,176.79	68,246.48	22,069.69*
Ties.....	275,799.93	293,390.91	17,590.98*
Rails.....	76,628.05	69,109.84	7,518.21
Other Track Material.....	59,789.42	68,221.23	8,431.81*
Ballast.....	32,508.05	44,269.89	11,761.84*
Track Laying and Surfacing.....	254,898.64	248,590.92	6,307.72
Right-of-Way Fences.....	2,631.25	1,790.02	841.23
Crossings and Signs.....	16,581.90	27,825.75	11,243.85*
Station and Office Buildings.....	18,725.81	22,867.65	4,141.84*
Roadway Buildings.....	1,138.80	2,839.72	1,700.92*
Water Stations.....	11,856.93	18,600.66	6,743.73*
Fuel Stations.....	4,208.64	4,180.27	28.37
Shops and Enginehouses.....	40,049.67	54,769.24	14,719.57*
Coal and Ore Wharves.....	19,494.56	30,047.05	10,552.49*
Telegraph and Telephone Lines.....	28,146.75	38,436.74	10,289.99*
Signals and Interlockers.....	7,262.35	18,169.36	10,907.01*
Power Plant Buildings.....	2,104.30	575.85	1,528.45
Power Transmission Systems.....		34.59	34.59*
Power Distribution Systems.....	817.99	692.14	125.85
Power Line Poles and Fixtures.....	198.17	130.39	67.78
Miscellaneous Structures.....	809.73	4,182.12	3,372.39*
Paving.....			
Roadway Machines.....	6,448.40	9,788.34	3,339.94*
Small Tools and Supplies.....	10,642.30	11,940.66	1,298.36*
Removing Snow, Ice and Sand.....	6,118.77	11,828.09	5,709.32*
Injuries to Persons.....	12,877.96	9,912.93	2,965.03
Insurance.....	3,871.19	3,758.02	113.17
Stationery and Printing.....	3,561.72	3,116.77	444.95
Other Expenses.....	951.82	1,366.20	414.38*
Maintaining Joint Tracks, Yards and Other Facilities—Dr... ..	6,727.74	8,439.84	1,712.10*
Maintaining Joint Tracks, Yards and Other Facilities—Cr... ..	15,596.01	18,836.32	3,240.31*
TOTAL.....	\$ 1,161,167.06	\$ 1,290,676.89	\$ 129,509.83*

MAINTENANCE OF EQUIPMENT

Superintendence.....	\$ 147,234.03	\$ 168,943.94	\$ 21,709.91*
Shop Machinery.....	19,398.04	31,271.87	11,873.83*
Power Plant Machinery.....	9,435.08	12,593.15	3,158.07*
Steam Locomotives—Repairs.....	757,861.09	1,247,131.02	489,269.93*
Steam Locomotives—Depreciation.....	155,324.91	135,322.11	20,002.80
Steam Locomotives—Retirements.....	1,924.92Cr.	33,191.28	35,116.20*
Freight Train Cars—Repairs.....	811,413.05	1,760,279.04	948,865.99*
Freight Train Cars—Depreciation.....	658,633.73	510,820.38	147,813.35
Freight Train Cars—Retirements.....	226,975.75Cr.	19,955.08Cr.	207,020.67*
Passenger Train Cars—Repairs.....	19,292.08	28,233.67	8,941.59*
Passenger Train Cars—Depreciation.....	16,930.06	14,907.36	2,022.70
Passenger Train Cars—Retirements.....	590.89Cr.	327.35	918.24*
Work Equipment—Repairs.....	24,242.19	34,668.56	10,426.37*
Work Equipment—Depreciation.....	9,024.53	6,045.60	2,978.93
Work Equipment—Retirements.....	588.75Cr.	565.29Cr.	23.46*
Miscellaneous Equipment—Repairs.....	334.04	30.34	303.70
Miscellaneous Equipment—Depreciation.....	553.32	553.32	
Miscellaneous Equipment—Retirements.....			
Injuries to Persons.....	10,029.99	19,950.44	9,920.45*
Insurance.....	4,414.73	4,656.86	242.13*
Stationery and Printing.....	4,452.57	4,638.70	186.13*
Other Expenses.....	6,088.03	2,908.69	3,179.34
Maintaining Joint Equipment at Terminals—Cr.....	95.58	273.09	177.51*
TOTAL.....	\$ 2,424,485.58	\$ 3,995,680.22	\$1,571,194.64*

*Decrease.

COMPARATIVE STATEMENT OF OPERATING EXPENSES—Continued

TRAFFIC

	1931	1930	INCREASE OR DECREASE
Superintendence.....	\$ 126,720.69	\$ 142,756.40	\$ 16,035.71*
Advertising.....	554.92	953.64	398.72*
Traffic Associations.....	6,405.27	6,369.67	35.60
Insurance.....	70.96	59.73	11.23
Stationery and Printing.....	23,911.53	31,463.45	7,551.92*
Other Expenses.....	10.00	.....	10.00
TOTAL.....	\$ 157,673.37	\$ 181,602.89	\$ 23,929.52*

TRANSPORTATION

Superintendence.....	\$ 222,183.81	\$ 256,006.73	\$ 33,822.92*
Dispatching Trains.....	174,816.09	234,093.51	59,277.42*
Station Employees.....	289,569.22	344,785.91	55,216.69*
Weighing, Inspection and Demurrage Bureaus.....	1,513.82	1,671.38	157.56*
Station Supplies and Expenses.....	17,549.47	20,728.01	3,178.54*
Yardmasters and Yard Clerks.....	89,671.17	143,151.39	53,480.22*
Yard Conductors and Brakemen.....	118,702.74	194,779.58	76,076.84*
Yard Switch and Signal Tenders.....	7,932.33	8,945.54	1,013.21*
Yard Enginemen.....	73,869.29	118,969.12	45,099.83*
Fuel for Yard Locomotives.....	29,930.42	46,965.98	17,035.56*
Water for Yard Locomotives.....	3,136.96	3,827.48	690.52*
Lubricants for Yard Locomotives.....	729.54	1,018.60	289.06*
Other Supplies for Yard Locomotives.....	1,945.57	2,249.53	303.96*
Enginehouse Expenses—Yard.....	73,407.53	85,619.69	12,212.16*
Yard Supplies and Expenses.....	5,407.81	6,526.17	1,118.36*
Operating Joint Yards and Terminals—Dr.....	3,656.33	3,919.45	263.12*
Operating Joint Yards and Terminals—Cr.....	4,926.45	6,396.56	1,470.11*
Train Enginemen.....	188,819.82	339,312.31	150,492.49*
Fuel for Train Locomotives.....	256,368.26	415,838.74	159,470.48*
Water for Train Locomotives.....	37,730.28	45,520.95	7,790.67*
Lubricants for Train Locomotives.....	7,584.54	9,349.90	1,765.36*
Other Supplies for Train Locomotives.....	9,490.15	15,214.82	5,724.67*
Enginehouse Expenses—Train.....	288,210.82	355,719.66	67,508.84*
Trainmen.....	212,818.72	346,445.73	133,627.01*
Train Supplies and Expenses.....	161,423.40	239,705.86	78,282.46*
Signal and Interlocker Operation.....	2,268.71	3,069.95	801.24*
Crossing Protection.....	52,302.76	66,181.89	13,879.13*
Telegraph and Telephone Operation.....	9,802.35	10,706.46	904.11*
Stationery and Printing.....	16,942.39	22,007.94	5,065.55*
Other Expenses.....	6,830.15	10,576.69	3,746.54*
Operating Joint Tracks and Facilities—Dr.....	20,084.27	24,470.38	4,386.11*
Operating Joint Tracks and Facilities—Cr.....	51,930.10	66,869.27	14,939.17*
Insurance.....	616.14	657.29	41.15*
Clearing Wrecks.....	2,551.20	5,583.98	3,032.78*
Damage to Property.....	32,073.34	2,948.95	29,124.39
Damage to Live Stock on Right-of-Way.....	385.14	768.94	383.80*
Loss and Damage—Freight.....	4,767.91	6,463.00	1,695.09*
Loss and Damage—Baggage.....	374.15	361.12	13.03
Injuries to Persons.....	13,102.13	29,440.39	16,338.26*
TOTAL.....	\$ 2,381,712.18	\$ 3,350,337.19	\$ 968,625.01*

MISCELLANEOUS

Hotels and Restaurants.....	\$ 25,779.06	\$ 41,649.81	\$ 15,870.75*
TOTAL.....	\$ 25,779.06	\$ 41,649.81	\$ 15,870.75*

*Decrease.

COMPARATIVE STATEMENT OF OPERATING EXPENSES—Concluded

GENERAL

	1931	1930	INCREASE OR DECREASE
Salaries and Expenses of General Officers.....	\$ 53,622.55	\$ 64,681.32	\$ 11,058.77*
Salaries and Expenses of Clerks and Attendants.....	197,987.01	210,064.12	12,077.11*
General Office Supplies and Expenses.....	51,156.04	51,762.17	606.13*
Law Expenses.....	17,049.52	18,984.14	2,184.62*
Insurance.....	301.15	304.04	2.89*
Pensions.....	77,146.91	43,664.28	33,482.63
Stationery and Printing.....	7,467.96	8,482.13	1,014.17*
Valuation Expenses.....	25,117.68	31,282.28	5,914.60*
Other Expenses.....	26,425.22	20,368.49	6,056.73
General Joint Facilities—Dr.....	80.90	122.82	41.92*
General Joint Facilities—Cr.....	1,870.70	1,958.61	87.91*
TOTAL.....	\$ 454,484.24	\$ 447,757.18	\$ 6,727.06
TRANSPORTATION FOR INVESTMENT—Cr.....	\$ 11,318.18	\$ 12,358.46	\$ 1,040.28*
TOTAL OPERATING EXPENSES	\$ 6,593,983.31	\$ 9,295,345.72	\$2,701,362.41*

COMPARATIVE STATEMENT OF OPERATING EXPENSES—SUMMARY

	1931		1930		INCREASE OR DECREASE
	AMOUNT	PER CENT. OF TOTAL	AMOUNT	PER CENT. OF TOTAL	AMOUNT
Maintenance of Way and Structures.....	\$ 1,161,167.06	17.61	\$ 1,290,676.89	13.88	\$ 129,509.83*
Maintenance of Equipment.....	2,424,485.58	36.77	3,995,680.22	42.99	1,571,194.64*
Traffic.....	157,673.37	2.39	181,602.89	1.95	23,929.52*
Transportation.....	2,381,712.18	36.12	3,350,337.19	36.04	968,625.01*
Miscellaneous.....	25,779.06	.39	41,649.81	.45	15,870.75*
General.....	454,484.24	6.89	447,757.18	4.82	6,727.06
Transportation for Investment—Cr.....	11,318.18	.17	12,358.46	.13	1,040.28*
TOTAL.....	\$ 6,593,983.31	.....	\$ 9,295,345.72	.....	\$2,701,362.41*

*Decrease.

CLASSIFICATION OF LOCOMOTIVE AND CAR EQUIPMENT

	AVAILABLE FOR SERVICE BEGINNING YEAR 1931	INSTALLED DURING YEAR	RETIRED FROM SERVICE DURING YEAR	AVAILABLE FOR SERVICE CLOSE OF YEAR 1931
LOCOMOTIVES OWNED OR LEASED				
Eight-Wheel Passenger.....	7	..	..	7
Pacific Passenger.....	4	..	..	4
Mogul Freight.....	9	..	..	9
Six-Wheel Switching.....	11	..	..	11
Consolidation Freight.....	63	..	..	63
Santa Fe Freight.....	25	..	..	25
Texas Freight.....	10	..	..	10
Total All Classes of Locomotives....	129	..	..	129
PASSENGER TRAIN CARS OWNED OR LEASED				
Coaches—Wood.....	12	..	..	12
Coaches—Steel.....	5	..	..	5
Passenger and Baggage—Wood.....	4	..	..	4
Passenger and Baggage—Steel.....	6	..	..	6
Baggage and Mail—Steel.....	3	..	..	3
Baggage—Wood.....	1	..	1	0
Baggage—Steel.....	3	..	..	3
Milk Cars—Steel Underframe.....	8	..	..	8
Total.....	42	..	1	41
FREIGHT TRAIN CARS OWNED OR LEASED				
Caboose Cars—Wood.....	3	..	..	3
Caboose Cars—Steel Underframe.....	56	..	..	56
Box Cars—Steel.....	100	..	..	100
Box Cars—Steel Underframe.....	940	..	1	939
Stock Cars.....	5	..	2	3
Flat Cars.....	100	..	..	100
Gondola Cars—Steel.....	3,532	..	891	2,641
Gondola Cars—Steel Underframe.....	497	..	..	497
Hopper Cars—Steel.....	7,355	1,050	1,202	7,203
Total.....	12,588	1,050	2,096	11,542
COMPANY SERVICE CARS OWNED OR LEASED				
Traveling Hoists.....	8	..	..	8
Tank Cars.....	2	..	..	2
Boarding Cars.....	58	1	3	56
Wrecking Cars.....	11	..	..	11
Scale Cars.....	2	..	..	2
Pile Drivers.....	1	..	1	0
Steam Shovels.....	2	..	1	1
Ballast Spreaders.....	1	..	..	1
Rubbish Cars.....	30	..	..	30
Business Cars.....	4	..	..	4
Pay Cars.....	1	..	..	1
Train Tender Cars.....	3	..	..	3
Total.....	123	1	5	119
Total All Classes of Cars.....	12,753	1,051	2,102	11,702

COMPARATIVE STATEMENT OF STATISTICS OF OPERATIONS

	1931	1930	INCREASE	DECREASE
Average Miles of Road Operated—Freight Service	218.20	218.74	.....	.54
Average Miles of Road Operated—Pass. Service..	212.21	214.50	.....	2.29
Average Miles of Road Operated—All Services....	227.21	227.75	.....	.54

TRAIN MILES

Freight—Ordinary.....	470,627	771,016	.....	300,389
Freight—Light.....	15,035	21,034	.....	5,999
Freight Total.....	485,662	792,050	.....	306,388
Freight Total-North.....	246,278	401,720	.....	155,442
Freight Total-South.....	239,384	390,330	.....	150,946
Percentage Freight Train Miles-North.....	50.71	50.72	.....	.01
Percentage Freight Train Miles-South.....	49.29	49.28	.01	.....
Passenger.....	204,413	255,110	.....	50,697
Mixed.....	23,696	23,738	.....	42
Special.....	227	231	.....	4
Total Transportation Service.....	713,998	1,071,129	.....	357,131
Work Service.....	38,481	65,097	.....	26,616

LOCOMOTIVE MILES

Freight—Principal.....	494,013	809,352	.....	315,339
Freight—Helper.....	168,553	431,216	.....	262,663
Freight—Light.....	30,839	43,308	.....	12,469
Freight—Total.....	693,405	1,283,876	.....	590,471
Passenger—Principal.....	204,413	255,110	.....	50,697
Passenger—Helper.....	125	450	.....	325
Passenger—Light.....	1,101	3,466	.....	2,365
Passenger—Total.....	205,639	259,026	.....	53,387
Mixed Train—Principal.....	23,696	23,738	.....	42
Mixed Train—Helper.....	.....	.....	.....	.....
Mixed Train—Light.....	23	23	.....	.....
Mixed Train—Total.....	23,719	23,761	.....	42
Special Train—Principal.....	227	231	.....	4
Special Train—Helper.....	.....	.....	.....	.....
Special Train—Total.....	227	231	.....	4
Train Switching.....	39,576	54,138	.....	14,562
Yard Switching—Freight.....	257,569	417,012	.....	159,443
Yard Switching—Passenger.....	7,625	8,658	.....	1,033
Yard Switching—Total.....	265,194	425,670	.....	160,476
Total Transportation Service.....	1,227,760	2,046,702	.....	818,942
Work Service.....	38,481	65,097	.....	26,616

COMPARATIVE STATEMENT OF STATISTICS OF OPERATIONS—Continued

	1931	1930	INCREASE	DECREASE
CAR MILES				
Freight Train—Loaded—North.....	11,079,135	16,842,283		5,763,148
Freight Train—Loaded—South.....	10,092,073	21,714,674		11,622,601
Freight Train—Loaded—Total.....	21,171,208	38,556,957		17,385,749
Freight Train—Empty—North.....	3,841,537	9,513,069		5,671,532
Freight Train—Empty—South.....	5,169,378	4,406,153	763,225	
Freight Train—Empty—Total.....	9,010,915	13,919,222		4,908,307
Sum of Loaded and Empty.....	30,182,123	52,476,179		22,294,056
Freight Train—Caboose—North.....	246,860	401,138		154,278
Freight Train—Caboose—South.....	242,110	391,559		149,449
Freight Train—Caboose—Total.....	488,970	792,697		303,727
Freight Train—Exclusive Work Equipment.....	17,441	24,512		7,071
Freight Train Total—North.....	15,176,573	26,769,468		11,592,895
Freight Train Total—South.....	15,511,961	26,523,920		11,011,959
Freight Train Total.....	30,688,534	53,293,388		22,604,854
Passenger Train—Passenger.....	263,979	436,987		173,008
Passenger Train—Sleeping, Parlor and Observation.....	405	282	123	
Passenger Train—Dining.....				
Passenger Train—Other.....	185,310	349,768		164,458
Passenger Train—Total.....	449,694	787,037		337,343
Mixed Train—Freight—Loaded—North.....	66,601	72,601		6,000
Mixed Train—Freight—Loaded—South.....	46,592	34,222	12,370	
Mixed Train—Freight—Loaded—Total.....	113,193	106,823	6,370	
Mixed Train—Freight—Empty—North.....	17,935	7,821	10,114	
Mixed Train—Freight—Empty—South.....	57,010	63,955		6,945
Mixed Train—Freight—Empty—Total.....	74,945	71,776	3,169	
Mixed Train Caboose—North.....				
Mixed Train Caboose—South.....		15		15
Mixed Train Caboose—Total.....		15		15
Mixed Train—Passenger.....	23,886	23,870	16	
Mixed Train—Sleeping—Parlor—Observation.....				
Mixed Train—Other Passenger Train.....	232	304		72
Mixed Train—Total.....	212,256	202,788	9,468	
Special Train—Freight—Loaded—North.....		1,566		1,566
Special Train—Freight—Loaded—South.....	1,914		1,914	
Special Train—Freight—Loaded—Total.....	1,914	1,566	348	
Special Train—Caboose—North.....	98	114		16
Special Train—Caboose—South.....	129	117	12	
Special Train—Caboose—Total.....	227	231		4
Special Train—Passenger.....				
Special Train—Sleeping, Parlor and Observation..	609	522	87	
Special Train—Other Passenger Train.....				
Special Train—Total.....	2,750	2,319	431	
Total Transportation Service.....	31,353,234	54,285,532		22,932,298
Work Service.....	91,984	203,776		111,792

COMPARATIVE STATEMENT OF STATISTICS OF OPERATIONS—Continued

FREIGHT SERVICE	1931	1930	INCREASE	DECREASE
Tons—Revenue Freight—North.....	5,200,966	7,430,621	.....	2,229,655
Tons—Revenue Freight—South.....	5,605,742	11,280,113	.....	5,674,371
Tons—Revenue Freight—Total.....	10,806,708	18,710,734	.....	7,904,026
Percentage Revenue Tons—North.....	48.13	39.71	8.42	.....
Percentage Revenue Tons—South.....	51.87	60.29	.....	8.42
Tons Revenue Freight—Ore.....	4,154,776	8,560,841	.....	4,406,065
Tons Revenue Freight—Coal.....	4,016,446	5,137,051	.....	1,120,605
Tons Revenue Freight—Miscellaneous.....	2,635,486	5,012,842	.....	2,377,356
Tons Revenue Freight—Total.....	10,806,708	18,710,734	.....	7,904,026
Tons Non-Revenue Freight.....	294,125	423,628	.....	129,503
Tons—Total.....	11,100,833	19,134,362	.....	8,033,529
Tons One Mile—Revenue Freight—North.....	505,349,580	708,078,339	.....	202,728,759
Tons One Mile—Revenue Freight—South.....	622,644,603	1,283,441,128	.....	660,796,525
Tons One Mile—Revenue Freight—Total.....	1,127,994,183	1,991,519,467	.....	863,525,284
Tons One Mile—Non-Revenue Freight.....	15,818,834	24,393,402	.....	8,574,568
Tons One Mile—Total.....	1,143,813,017	2,015,912,869	.....	872,099,852
Percentage—Tons One Mile—Revenue Freight—North.....	44.80	35.55	9.25	.....
Percentage—Tons One Mile—Revenue Freight—South.....	55.20	64.45	.....	9.25

PASSENGER SERVICE

Passengers Carried—Revenue.....	99,959	166,241	.....	66,282
Passenger Miles—Revenue.....	1,247,233	2,492,615	.....	1,245,382

REVENUES AND EXPENSES

Freight Revenue.....	\$ 8,513,643.96	\$14,458,740.52	.....	\$ 5,945,096.56
Revenue from Passengers Carried.....	\$ 27,088.80	\$ 55,553.55	.....	\$ 28,464.75
Mail Revenue.....	\$ 23,135.80	\$ 27,776.10	.....	\$ 4,640.30
Express Revenue.....	\$ 9,958.16	\$ 18,655.55	.....	\$ 8,697.39
Revenue from Other Passenger Traffic.....	\$ 8,611.03	\$ 32,107.48	.....	\$ 23,496.45
Passenger Service Train Revenue.....	\$ 68,793.79	\$ 134,092.68	.....	\$ 65,298.89
Operating Revenues.....	\$ 8,673,827.85	\$14,712,458.00	.....	\$ 6,038,630.15
Operating Expenses.....	\$ 6,593,983.31	\$ 9,295,345.72	.....	\$ 2,701,362.41
Net Operating Revenues.....	\$ 2,079,844.54	\$ 5,417,112.28	.....	\$ 3,337,267.74

*AVERAGES PER MILE OF ROAD

Freight Train Miles.....	2,226	3,621	.....	1,395
Passenger Train Miles.....	963	1,189	.....	226
Mixed Train Miles.....	104	104	.....	.....
Special Train Miles.....	1	1	.....	.....
Transportation Service Train Miles.....	3,142	4,703	.....	1,561
Work Train Miles.....	169	286	.....	117
Locomotive Miles—Transportation.....	5,404	8,987	.....	3,583
Freight Service Car Miles.....	141,516	244,463	.....	102,947
Passenger Service Car Miles.....	2,236	3,784	.....	1,548
Freight Revenue.....	\$ 39,017.62	\$ 66,100.12	.....	\$ 27,082.50
Passenger Service Train Revenue.....	\$ 324.18	\$ 625.14	.....	\$ 300.96
Operating Revenues.....	\$ 38,175.38	\$ 64,599.16	.....	\$ 26,423.78
Operating Expenses.....	\$ 29,021.54	\$ 40,813.81	.....	\$ 11,792.27
Net Operating Revenues.....	\$ 9,153.84	\$ 23,785.35	.....	\$ 14,631.51
Ton-Miles—Revenue Freight.....	5,169,543	9,104,505	.....	3,934,962
Ton-Miles—All Freight.....	5,242,039	9,216,023	.....	3,973,984
Passengers Carried—Revenue.....	471	775	.....	304
Passenger-Miles—Revenue.....	5,877	11,621	.....	5,744

*Freight, Passenger or Combined Road Mileages used as necessitated by character of statistics.

COMPARATIVE STATEMENT OF STATISTICS OF OPERATIONS—Concluded

AVERAGES PER TRAIN MILE		1930		1931		1930		1931		1930		1931	
		INCREASE				DECREASE							
Loaded Freight Car Miles—Freight Trains		48.68		43.59		4.50		17.57		.28		.98	
Empty Freight Car Miles—Freight Trains		3.02		3.16		.14		2,449.83		222.23		222.00	
Ton-Miles—All Freight		2,479.83		2,257.83		2,479.83		.89		3.64		.98	
Passenger Train Car Miles—Mixed Trains		3.09		2.20		.89		1.02		.19		.17	
Passenger Train Car Miles—Mixed Trains		1.02		1.02		.02		17.79		.98		.98	
Passenger Service Train Revenue		.52		.33		.19		16.81		.98		.98	
Passenger Service Train Revenue (Excluding Mail and Express)		.34		.17		.17		13.74		.56		.56	
Operating Revenues		13.74		12.15		1.59		9.24		2.91		2.15	
Operating Expenses		8.68		9.24		.56		5.06		2.91		2.15	
Net Operating Revenues		5.06		2.91		2.15		1,579.07		1,526.34		52.73	
Train-Miles—Freight Trains		.62		.70		.08		10.04		2.07		.42	
Car-Miles—Freight Trains		41.51		44.26		2.75		1.00		.42		.85	
Train-Miles—Passenger Trains		.98		.99		.01		8.53		.42		.85	
Car-Miles—Passenger Trains		3.04		2.19		.85		1.00		.42		.85	
Train-Miles—Mixed Trains		1.00		1.00		.02		1.00		.42		.85	
Car-Miles—Mixed Trains		8.53		8.95		.42		1.00		.42		.85	
Train-Miles—Special Trains		1.00		1.00		.02		12.11		2.07		.42	
Car-Miles—Special Trains		10.04		12.11		2.07		52.73		.42		.85	
Tons Revenue Freight		1,526.34		1,579.07		52.73		52.73		.42		.85	
AVERAGES PER LOADED FREIGHT CAR MILE													
Ton-Miles—Revenue Freight		51.51		53.00		1.49		52.14		1.60		.2603	
Ton-Miles—All Freight		52.14		53.74		1.60		.37396		.2603		.2603	
Freight Revenue		.37396		.39999		.2603		.39999		.2603		.2603	
AVERAGES PER CAR MILE—PASSENGER													
Passenger-Miles—Revenue		5.41		4.33		1.08		.12047		.02650		.02650	
Passenger Revenue		.12047		.09397		.02650		.09397		.02650		.02650	
MISCELLANEOUS AVERAGES													
Miles Hauled—Revenue Freight		106.44		104.38		2.06		57.58		3.80		2.32	
Miles Hauled—Non-Revenue Freight		57.58		53.78		3.80		105.36		2.32		2.32	
Miles Hauled—All Freight		105.36		103.04		2.32		14.99		2.51		2.51	
Miles Carried—Revenue Passengers		14.99		12.48		2.51		.77275		.01506		.01506	
Revenue per Ton of Freight		.77275		.78781		.01506		.00726		.00029		.00029	
Revenue per Ton-Mile of Freight		.00726		.00755		.00029		.33417		.06317		.06317	
Revenue per Passenger		.33417		.27100		.06317		.02229		.00057		.00057	
Revenue per Passenger Mile		.02229		.02172		.00057		63.18		12.84		12.84	
Percentage Operating Expenses to Operating Revenues		63.18		76.02		12.84		1,717.98		250.30		250.30	
Average Train Load, North, Tons		1,717.98		1,968.28		250.30		3,202.47		710.42		710.42	
Average Train Load, South, Tons		3,202.47		2,492.05		710.42		53.65		25.33		25.33	
Percentage of Northbound Load to Southbound Load		53.65		78.98		25.33		78.98		25.33		25.33	

COMMODITY STATISTICS—REVENUE FREIGHT ONLY FOR YEAR ENDED DECEMBER 31, 1931

COMMODITY GROUP OR CLASS	REVENUE FREIGHT ORIGINATING ON RESPONDENT'S ROAD					REVENUE FREIGHT RECEIVED FROM CONNECTING CARRIERS					TOTAL REVENUE FREIGHT CARRIED	
	Terminating on Line		Delivered to Connecting Carriers		Number of Cartloads (B)	Terminating on Line		Delivered to Connecting Carriers		Number of Cartloads (I)	Number of Cartloads (J)	Number of Tons (K)
	Number of Cartloads (B)	Number of Tons (2,000 lbs.) (C)	Number of Cartloads (D)	Number of Tons (2,000 lbs.) (E)		Number of Cartloads (F)	Number of Tons (2,000 lbs.) (G)	Number of Cartloads (H)	Number of Tons (2,000 lbs.) (I)			
GROUP I PRODUCTS OF AGRICULTURE (C. L.)												
Wheat.....	1	33	.....	.....	.....	20	598	.....	22	20	20	598
Corn.....						74	2,353	1	.....	76	76	2,408
Oats.....						13	325	.....	.....	13	13	325
Barley and Rye.....						1	7	.....	.....	1	1	7
Flax.....												
Grain, N. O. S.....			17	498	.....	153	3,379	3	67	17	17	498
Flour, Wheat.....						2	10	.....	.....	2	2	10
Meal, Corn.....						12	259	3	65	15	15	324
Flour and Meal, Edible, N. O. S.....						27	535	1	16	28	28	351
Cereal Food Preparations, Edible, N. O. S.....						455	9,796	15	325	470	470	10,121
Mill Products, N. O. S.....			47	585	.....	3	31	1	10	51	51	626
Hay and Alfalfa.....			1	11	.....	.....	.....	.....	.....	1	1	11
Straw.....												
Tobacco Leaf.....												
Cotton in Bales.....												
Cotton Linters, Nolis and Regins.....						31	624	3	72	34	34	696
Cotton Seed.....						2	33	.....	.....	2	2	33
Cotton Seed Meal and Cake.....												
Oranges and Grapefruit.....												
Lemons, Limes and Citrus Fruits, N. O. S.....								2	34	.....	2	34
Apples, Fresh.....												
Bananas.....												
Berries, Fresh.....												
Cantaloupes and Melons, N. O. S.....						2	30	.....	.....	.....	2	30
Grapes, Fresh.....						2	26	5	68	.....	7	94
Peaches, Fresh.....												
Watermelons.....												
Fruits, Fresh, Domestic, N. O. S.....						1	15	.....	.....	1	1	15
Fruits, Fresh, Tropical, N. O. S.....						1	12	.....	.....	.....	.....	.....
Potatoes, other than Sweet.....												
Cabbage.....			1	18	.....	7	127	4	71	.....	12	216
Onions.....			3	42	.....	.....	.....	.....	.....	3	3	42
Tomatoes.....			1	12	.....	1	14	.....	.....	2	2	26
Vegetables, Fresh, N. O. S.....			12	148	.....	.....	.....	.....	.....	.....	.....	.....
Beans and Peas, Dried.....						4	45	.....	.....	16	16	193
Fruits, Dried or Evaporated.....						3	58	.....	.....	3	3	58
Vegetables, Dry, N. O. S.....			1	12	.....	2	34	.....	.....	2	2	34
Vegetable—Oil Cake and Meal, except Cotton Seed.....												
Peanuts.....						18	361	.....	.....	18	18	361
Flax Seed.....												
Sugar Beets.....												
Products of Agriculture, N. O. S.....						46	671	1	21	47	47	692
Total Products of Agriculture.....	1	33	83	1,326	880	19,343	39	771	1,003	21,473		

COMMODITY STATISTICS—Continued

COMMODITY GROUP OR CLASS	REVENUE FREIGHT ORIGINATING ON RESPONDENT'S ROAD					REVENUE FREIGHT RECEIVED FROM CONNECTING CARRIERS					TOTAL REVENUE FREIGHT CARRIED		
	Terminating on Line		Delivered to Connecting Carriers		Number of Cartloads (B)	Terminating on Line		Delivered to Connecting Carriers		Number of Cartloads (I)	Number of Tons (2,000 lbs.) (K)		
	Number of Cartloads (B)	Number of Tons (2,000 lbs.) (C)	Number of Cartloads (D)	Number of Tons (2,000 lbs.) (E)		Number of Cartloads (F)	Number of Tons (2,000 lbs.) (G)	Number of Cartloads (H)	Number of Tons (2,000 lbs.) (J)				
ANIMALS AND PRODUCTS (C. L.)	(A)												
	Horses, Mules, Ponies and Asses.....	9	104	4	47	5	22	58	1	11	5	58	
	Cattle and Calves, Single-Deck.....							255			36	417	
	Calves, Double-Deck.....			2	12	1	6				3	18	
	Sheep and Goats, Single-Deck.....												
	Sheep and Goats, Double-Deck.....			1	10						1	10	
	Hogs, Single-Deck.....												
	Hogs, Double-Deck.....												
	Fresh Meats, N. O. S.....												
	Meats, Cured, Dried or Smoked.....												
	Butterine and Margarine.....												
	Packing-House Products, Edible, N. O. S., not in- cluding Canned Meats.....												
	Poultry, Live.....												
	Poultry, Dressed.....												
	Eggs.....						1	16			1	16	
	Butter.....												
	Cheese.....			1	9					2	24	1	4
	Wool.....			2	20						37	1	4
	Hides, Green.....			1	24		35	725			6		1
	Leather.....				6								
	Fish or Sea—Animal Oil.....												
	Animals Live, N. O. S.....						1	11				1	11
	Animal Products, N. O. S. (other than Fertilizers and Fertilizer Materials).....			31	577		12	207				43	784
	Total Animals and Products.....	9	104	44	705		77	1,278		3	35	133	2,122
	GROUP III PRODUCTS OF MINES (C. L.)												
Anthracite Coal.....		14,787	881,897	18,868	1,037,758	47	21,384	2,065	20,666	1,023,407	47	2,065	
Bituminous Coal.....		95	2,519	22,540	675,259	320	9,372	9,372	13,450	895,471	75,705	4,014,381	
Coke.....						49,653		3,259,305			22,935	987,150	
Iron Ore.....											63,103	4,154,776	
Copper Ore and Concentrates.....													
Lead Ore and Concentrates.....													
Zinc Ore and Concentrates.....													
Ores and Concentrates, N. O. S.....		179	10,119	246	12,518	411	23,781		26	1,472	862	47,860	
Gravel and Sand (other than Glass or Molding).....						84	4,310				84	4,310	
Stone, Broken, Ground or Crushed.....				2	99	37	164	842			37	208	
Stone, Rough, N. O. S.....											9	972	
Stone, Finished, N. O. S.....											67	2,099	
Petroleum, Crude.....				9	275	56	1,737		7	250	37	2,099	
Asphalt (Natural, By-Product or Petroleum).....				4	112	78	2,759		21	492	104	3,374	
Salt.....		5	123										
Phosphate Rock, Crude (Ground or Not Ground).....													
Sulphur (Brimstone).....		8,735	489,302	2,201	118,929	10,380	589,565		1,001	35,168	22,317	1,252,964	
Products of Mines, N. O. S.....													
Total Products of Mines.....		23,801	1,383,960	43,870	1,844,950	82,457	4,965,219		35,171	1,976,260	185,299	10,170,389	

COMMODITY STATISTICS—Continued

COMMODITY GROUP OR CLASS	REVENUE FREIGHT ORIGINATING ON RESPONDENT'S ROAD					REVENUE FREIGHT RECEIVED FROM CONNECTING CARRIERS					TOTAL REVENUE FREIGHT CARRIED		
	Terminating on Line		Delivered to Connecting Carriers		Number of Cartloads (B)	Terminating on Line		Delivered to Connecting Carriers		Number of Cartloads (J)	Number of Tons (2,000 lbs.) (K)		
	Number of Cartloads (A)	Number of Tons (2,000 lbs.) (C)	Number of Cartloads (D)	Number of Tons (2,000 lbs.) (E)		Number of Cartloads (F)	Number of Tons (2,000 lbs.) (G)	Number of Cartloads (H)	Number of Tons (2,000 lbs.) (I)				
GROUP IV PRODUCTS OF FORESTS (C. L.)													
Logs, Poles and Piling	2	56	8	203	27	772	7	139	15	342			
Wood (Fuel)	3	84	4	128	374	10,511	18	623	99	3,369			
Ties, Railroad	13	597	26	738	298	7,390	17	383	382	10,757			
Pulp, Wood					15	372			354	9,108			
Lumber, Shingles and Lath					84	2,092			15	372			
Box, Crate and Cooperage Materials					2	53			84	2,092			
Veneer and Built-up Wood					3	53			2	53			
Rosin													
Turpentine													
Crude Rubber (not Reclaimed)													
Products of Forests, N. O. S.													
Total Products of Forests	18	737	90	2,987	803	21,245	43	1,179	954	26,148			
GROUP V—MANUFACTURERS AND MISCELLANEOUS (C. L.)													
Petroleum Oils, Refined and all other Gasolines	5	125	95	3,403	702	20,375	309	8,993	1,111	32,896			
Fuel, Road and Petroleum Residual Oils, N. O. S.	35	872	2	31	259	8,376	7	182	301	9,480			
Lubricating Oils and Greases					50	995	8	128	60	1,194			
Petroleum Products, N. O. S.													
Cotton Seed Oil													
Linseed Oil													
Vegetable Oils, N. O. S.													
Sugar (Beet or Cane)					75	1,613	31	785	106	2,398			
Table Syrups and Edible Molasses					5	44			5	100			
Molasses, Blackstrap and Beet Residual					1				1	144			
Iron, Pig	19	1,023	9	381	29	1,603			57	3,007			
Iron and Steel, Rated 6th Class in Official Classification, N. O. S.	183	8,308	27	1,041	10	474	43	2,627	263	12,450			
Rails, Fastenings, Frogs and Switches	10	486	584	27,177	14	619	3	100	611	28,382			
Cast-Iron Pipe and Fittings			77	1,917	11	272	3	22	91	2,211			
Iron and Steel Pipe and Fittings, N. O. S.	2	32	33	1,537	31	644	8	220	74	2,433			
Iron and Steel, Nails and Wire, Not Woven			184	4,822	7	123	15	358	206	5,303			
Iron and Steel, Rated 5th Class in Official Classification, N. O. S. (also Tin and Terne Plate)	801	31,906	5,065	165,834	529	16,881	49	2,008	6,444	216,629			
Copper, Ingot, Matte and Pig				57					1	57			
Copper, Brass and Bronze; Bar, Sheet and Pipe				335					17	335			
Lead and Zinc; Ingot, Pig or Bar				116			16	908	19	1,024			
Aluminum; Ingot, Pig or Slab									4	105			
Machinery and Boilers	6	138	320	7,265	120	2,640	6	147	452	10,190			
Cement, Natural or Portland (Building)	71	2,439	535	20,058	278	9,987	20	727	904	33,211			
Brick, Common	4	176	6	265	19	715	70	2,622	99	3,778			
Brick, N. O. S., and Building Tile	2	73	2	152	261	10,601	52	1,650	319	12,476			
Artificial Stone, N. O. S.				66	18	612			20	678			
Carried Forward.....	1,138	45,578	6,964	234,457	2,423	76,779	640	21,477	11,165	378,291			

COMMODITY STATISTICS—Continued

COMMODITY GROUP OR CLASS	REVENUE FREIGHT ORIGINATING ON RESPONDENT'S ROAD				REVENUE FREIGHT RECEIVED FROM CONNECTING CARRIERS				TOTAL REVENUE FREIGHT CARRIED	
	Terminating on Line		Delivered to Connecting Carriers		Terminating on Line		Delivered to Connecting Carriers		Number of Tons (2,000 lbs.) (K)	Number of Carloads (J)
	Number of Carloads (B)	Number of Tons (2,000 lbs.) (C)	Number of Carloads (D)	Number of Tons (2,000 lbs.) (E)	Number of Carloads (F)	Number of Tons (2,000 lbs.) (G)	Number of Carloads (H)	Number of Tons (2,000 lbs.) (I)		
COMMODITY GROUP OR CLASS (A)										
GROUP V—Continued										
Brought Forward	1,138	45,578	6,964	234,457	2,423	76,779	640	21,477	11,165	378,291
Lime, Common (Quick or Slaked)	.....	.....	1	22	30	486	20	530	51	1,038
Plaster (Stucco or Wall) and Dry Kalsomine	.....	.....	.....	.....	31	711	.....	.....	37	741
Sewer Pipe and Drain Tile (not Metal)	.....	.....	2	26	84	1,422	1	13	87	1,401
Agricultural Implements and Parts, N. O. S.	.....	.....	.....	.....	10	149	.....	.....	10	149
Vehicles, Horse-Drawn, and Parts, N. O. S.	.....	.....	.....	.....	1	14	.....	.....	1	14
Tractors and Parts	.....	.....	.....	.....	8	96	2	20	10	116
Railway Car Wheels, Axles and Trucks	11	548	172	6,149	47	1,785	25	911	255	9,393
Automobiles (Passenger)	.....	.....	53	294	29	158	.....	.....	82	452
Auto Trucks	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Automobiles and Auto Trucks, K. D. and Parts, N. O. S.	.....	.....	1	12	9	129	.....	.....	10	141
Automobile and Auto Truck Tires	.....	.....	1	23	2	24	.....	.....	3	47
Furniture, Metal	.....	.....	.....	.....	8	79	.....	.....	8	79
Furniture, other than Metal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Beverages	.....	.....	.....	.....	3	53	.....	.....	3	53
Ice	2	60	.....	.....	.....	.....	.....	.....	.....	.....
Fertilizers, N. O. S.	58	1,601	521	19,140	496	11,726	136	3,115	1,211	35,582
Newsprint Paper	.....	.....	.....	.....	1	27	.....	.....	1	27
Printing Paper, N. O. S.	.....	.....	36	716	3	55	.....	.....	36	716
Alcohol, Denatured or Wood	.....	.....	.....	.....	.....	.....	1	15	4	70
Sulphuric Acid	.....	.....	.....	.....	3	55	1	24	1	24
Explosives, N. O. S.	.....	.....	.....	.....	19	289	1	11	20	300
Cotton Cloth and Cotton Fabrics, N. O. S.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bagging and Bags, Burlap, Gunny or Jute	.....	.....	.....	.....	30	602	6	149	30	602
Canned Food Products, N. O. S.	.....	.....	30	583	74	1,521	.....	.....	110	2,253
Tobacco, Manufactured Products	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paints in Oil and Varnishes	.....	.....	.....	.....	5	76	.....	.....	5	76
Furnace Slag	338	15,946	6	317	206	11,736	11	551	561	28,550
Scrap Iron and Scrap Steel	89	3,496	93	3,668	353	13,473	10	425	545	21,062
Paper Bags and Wrapping Paper	.....	.....	.....	.....	22	477	2	27	504	504
Paper Board, Pulp Board and Wall Board (Paper)	.....	.....	.....	.....	6	115	3	47	9	162
Building Paper and Prepared Roofing Materials	.....	.....	82	1,786	22	473	.....	.....	111	2,384
Building Woodwork (Millwork)	7	125	.....	.....	4	59	.....	.....	4	59
Soap and Washing Compounds	.....	.....	.....	.....	24	472	3	65	27	537
Glass, Flat, other than Plate	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glass, Bottles, Jars and Jelly Glasses	289	13,191	1,252	42,153	33	570	295	6,468	34	582
Manufactures and Miscellaneous, N. O. S.	.....	.....	.....	.....	806	20,539	.....	.....	2,642	82,351
Total Manufactures and Miscellaneous	1,932	80,545	9,215	309,358	4,789	144,095	1,157	33,848	17,093	567,846
Grand Total, Carload Traffic	25,761	1,465,379	53,302	2,159,326	89,006	5,151,180	36,413	2,012,093	204,482	10,787,978
GROUP VI—L. C. L. FREIGHT										
All L. C. L. Freight	.....	886	.....	8,005	.....	8,956	.....	883	.....	18,730
Grand Total Carload and L. C. L. Traffic	.....	1,466,265	.....	2,167,331	.....	5,160,136	.....	2,012,976	.....	10,806,708

SUMMARY OF REVENUE TONNAGE HANDLED PER ANNUM, 1897 TO 1931, INCLUSIVE

	IRON ORE		COAL	OTHER FREIGHT	TOTAL
	(Gross Tons)	(Net Tons)	(Net Tons)	(Net Tons)	(Net Tons)
1897	446,810	500,428	503,380*	147,548*	1,151,356
1898	1,477,768	1,655,101	436,297*	375,976*	2,467,374
1899	2,176,525	2,437,708	455,701*	598,754*	3,492,163
1900	2,396,474	2,684,051	671,475*	824,865*	4,180,391
1901	3,233,962	3,622,038	745,059*	1,058,257*	5,425,354
1902	4,183,868	4,685,933	1,034,871*	958,564*	6,679,368
1903	3,909,982	4,379,180	1,427,635	1,079,682	6,886,497
1904	4,087,675	4,578,196	1,481,777	1,147,456	7,207,429
1905	5,196,668	5,820,268	2,171,019	1,514,152	9,505,439
1906	5,316,338	5,954,298	2,831,382	1,685,659	10,471,339
1907	5,843,186	6,544,369	2,932,337	1,858,655	11,335,361
1908	4,715,023	5,280,825	2,233,355	1,843,786	9,357,966
1909	6,745,802	7,555,298	2,542,772	2,491,969	12,590,039
1910	6,441,336	7,214,296	3,349,693	2,841,412	13,405,401
1911	7,212,988	8,078,547	3,075,458	3,016,497	14,170,502
1912	7,659,759	8,578,930	3,782,621	3,017,871	15,379,422
1913	8,073,317	9,042,114	4,382,140	3,159,849	16,584,103
1914	6,232,670	6,980,590	3,343,380	2,996,913	13,320,883
1915	8,739,940	9,788,732	4,504,673	3,788,253	18,081,658
1916	9,410,811	10,540,109	5,254,490	4,472,890	20,267,489
1917	9,049,721	10,135,687	6,830,991	4,363,746	21,330,424
1918	6,784,021	7,598,103	7,641,099	4,190,638	19,429,840
1919	6,734,280	7,542,394	5,428,893	4,234,683	17,205,970
1920	6,094,021	6,825,306	7,861,935	3,973,173	18,660,414
1921	5,418,481	6,068,699	4,508,866	3,580,152	14,157,717
1922	6,374,293	7,139,208	5,384,294	3,954,432	16,477,934
1923	9,226,449	10,333,623	8,795,620	4,503,318	23,632,561
1924	7,487,220	8,385,685	4,785,937	4,554,337	17,725,959
1925	8,612,736	9,646,264	5,817,483	4,639,255	20,103,002
1926	9,501,483	10,641,661	5,873,893	4,738,387	21,253,941
1927	8,308,159	9,305,140	3,490,795	4,831,795	17,627,730
1928	8,562,642	9,590,159	4,766,785	5,908,806	20,265,750
1929	9,500,837	10,640,939	6,408,158	5,918,293	22,967,390
1930	7,643,608	8,560,841	5,137,051	5,012,842	18,710,734
1931	3,709,621	4,154,776	4,016,446	2,635,486	10,806,708

*Estimated.

SUMMARY OF PASSENGER TRAFFIC PER ANNUM, 1897 TO 1931, INCLUSIVE

	PASSENGER TRAIN MILEAGE	PASSENGER CARRIED	REVENUES			
			Passenger Traffic	Mail	Express	Total
1897	249,428	341,408	\$137,758.34	\$13,893.55	\$13,223.02	\$164,874.91
1898	295,154	333,379	134,503.16	14,877.93	13,122.42	162,503.51
1899	304,986	423,500	162,877.77	14,899.73	13,299.44	191,076.94
1900	310,605	461,292	180,251.39	14,896.26	13,557.26	208,704.91
1901	356,804	454,063	189,972.45	14,489.32	13,289.38	217,751.15
1902	364,815	519,907	217,565.82	14,079.51	11,280.73	242,926.06
1903	373,170	572,605	245,953.91	14,336.01	10,300.87	270,590.79
1904	375,769	521,094	237,741.55	14,417.01	10,612.15	262,770.71
1905	364,389	626,183	263,436.13	15,056.45	12,129.72	290,622.30
1906	414,767	693,043	294,786.77	15,620.67	13,132.75	323,540.19
1907	453,881	893,784	307,913.00	15,566.90	15,916.37	339,396.27
1908	462,897	897,791	299,973.28	15,672.11	22,259.60	337,904.99
1909	499,772	1,010,812	327,716.62	15,490.58	25,789.39	368,996.59
1910	492,232	1,110,289	363,147.92	15,248.52	30,294.83	408,691.27
1911	499,222	1,089,092	357,897.04	15,759.71	28,216.99	401,873.74
1912	512,668	1,090,560	367,761.68	16,153.30	29,266.76	413,181.74
1913	513,917	1,140,535	425,008.03	17,564.93	29,054.60	471,627.56
1914	514,206	1,085,979	409,936.32	19,050.99	26,251.44	455,238.75
1915	509,312	962,318	369,082.47	18,968.86	22,413.19	410,464.52
1916	514,526	1,041,142	408,364.78	21,043.04	28,801.90	458,209.72
1917	500,934	1,098,885	425,916.33	26,507.98	34,801.97	487,226.28
1918	479,812	996,634	435,388.54	24,186.19	57,929.19	517,503.92
1919	472,910	1,034,706	539,681.92	25,617.09	57,251.75	622,550.76
1920	481,562	1,122,041	593,542.19	69,511.65	50,648.46	713,702.30
1921	496,549	929,098	541,236.83	41,134.34	26,484.31	608,855.48
1922	497,434	756,877	443,653.16	38,261.34	45,349.61	527,264.11
1923	480,619	709,917	417,364.91	33,301.65	53,176.58	503,843.14
1924	432,544	612,203	346,167.50	27,867.17	37,103.83	411,138.50
1925	414,200	501,022	277,132.87	26,021.02	35,381.53	338,535.42
1926	399,845	432,233	244,351.40	25,777.78	39,744.81	309,873.99
1927	341,468	356,603	187,811.29	22,407.61	29,760.10	239,979.00
1928	326,412	289,671	153,866.02	25,429.23	26,265.80	205,561.05
1929	300,412	237,085	117,824.41	41,517.12	24,395.77	183,737.30
1930	257,975	166,241	87,661.03	27,776.10	18,655.55	134,092.68
1931	207,172	99,959	35,699.83	23,135.80	9,958.16	68,793.79

MILEAGE OF ROAD OPERATED AT CLOSE OF YEAR

	FIRST TRACK	SECOND TRACK	THIRD TRACK	SIDINGS AND YARDS	TRAFFIC SPURS
Owned and Operated:					
K. O. Junction to Kremis.....	8.81	8.05	.....	8.08	0.23
Operated Under Lease:					
The Pittsburgh, Bessemer and Lake Erie R. R.:					
Conneaut Harbor to North Bessemer (via Shenango).....	143.83	132.00	10.16	178.74	15.71
Erie to Cascade.....	2.18	.....	.....	2.92	2.18
Wallace Junction to NA Tower.....	9.14	.....	.....	2.33	1.48
Mercer Junction to Mercer.....	0.82	.....	.....	0.31	.....
Branchton to Hilliards.....	10.40	.....	.....	1.21	1.24
Goff-Kirby Junction to Goff.....	1.48	.....	.....	.....	0.17
Allegheny Junction to Argentine.....	2.02	.....	.....	0.44	0.16
Miller's Road to Neco.....	1.52	.....	.....	.....	0.05
Curtisville to Bairdford.....	3.47	.....	.....	.....	0.84
The Meadville, Conneaut Lake and Linesville R. R.:					
Linesville to Meadville.....	20.54	1.55	.....	5.85	2.40
Lynces Jct. to Conneaut Lake Park.....	1.07	0.79	.....	1.52	.....
Operated Under Trackage Rights:					
Cascade to Wallace Jct. (N. Y. C. & St. L. R. R.)...	12.20	.....	.....	3.64	.....
Pittsburgh Jct. to Standard Jct. (B. & O. R. R.)....	0.97	.....	.....	1.22	.....
Leased to Union R. R. (Trackage Rights for Passenger Trains Reserved):					
The Pittsburgh, Bessemer and Lake Erie R. R.:					
North Bessemer to East Pittsburgh.....	8.04	8.04	.....	13.73*	.....
Total Owned or Operated December 31, 1931.....	226.49	150.43	10.16	219.99	24.46

* 74.31 miles Sidings and Yard Tracks leased to Union R. R. Co. not included in above, account no trackage rights reserved.

BESSEMER AND LAKE ERIE RAILROAD

